

FIG. 1

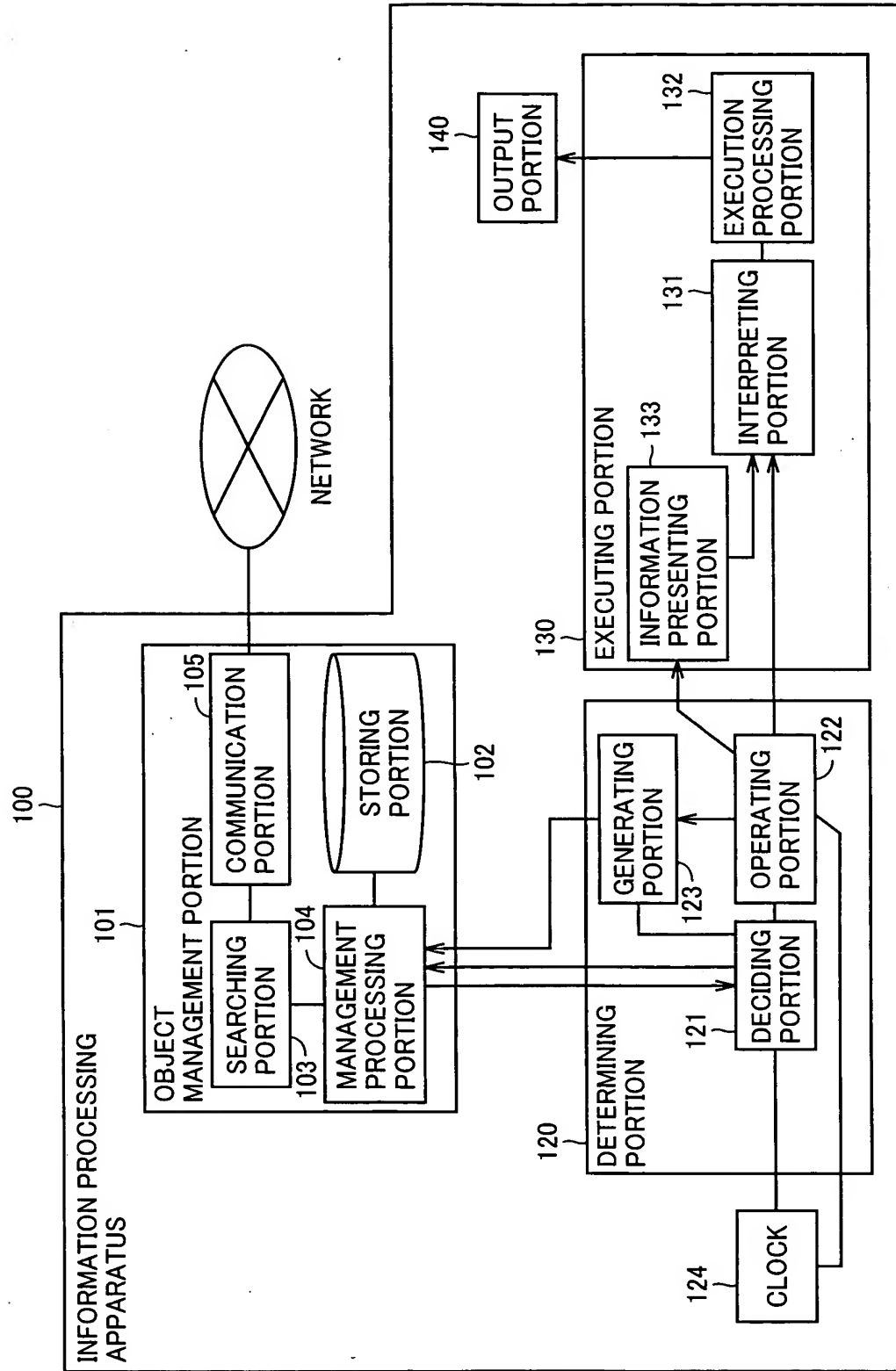


FIG.2

```

<?xml version="1.0" ?>
<trobjct xmlns="http://www.sharp.co.jp/2002/Timed10/Language"
effective_begin="2002-02-26T14:22:21Z" effective_end="2002-02-27T14:22:21Z">
  DESCRIPTION OF OBJECT BODY
  ...
</trobjct>

```

FIG.3

```

<?xml version='1.0' encoding='UTF-8'?>
<trobjct xmlns:timedobj="http://www.sharp.co.jp/2002/Timed10/Language"
xmlns:xsi="http://www.w3.org/1999/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/1999/XMLSchema">
  <timedobj:instances>
    <id xsi:type="xsd:int" effective_begin="2002-02-26T14:22:21Z"
effective_end="2002-02-27T14:22:21Z">1</id>
    <id xsi:type="xsd:int" effective_begin="2002-02-27T14:22:22Z"
effective_end="2002-02-28T14:22:21Z">2</id>
    <name xsi:type="xsd:string" effective_begin="2002-02-26T14:22:21Z"
effective_end="2002-02-27T14:22:21Z">taro-san</name>
    <name xsi:type="xsd:string" effective_begin="2002-02-27T14:22:22Z"
effective_end="2002-02-28T14:22:21Z">gajiro-san</name>
  </timedobj:instances>
  <timedobj:methods>
    <func xmlns:ns5="http://schemas.xmlsoap.org/soap/encoding/"
xsi:type="ns5:base64" effective_begin="2002-02-26T14:22:21Z"
effective_end="2002-02-27T14:22:21Z">yv66vgADAC0ALAOADQAWBwAXC
AAYCAAZCAAaCAAbCAAcCgACAB0JAB4AHwgAIAoAIQAIbWajBwAkAAQAG
PGluaXQ+AQADKCIWAQAEQ29kZQEAD0xpbmVOdW1iZXJUYWJsZQEAB
G1haW4BABYOW0xqYXZhL2xhbmcvU3RyaW5nOylWAQAKU291cmNIRmlsZ
QEABnMuamF2Y
...</func>
    <func xmlns:ns5="http://schemas.xmlsoap.org/soap/encoding/"
xsi:type="ns5:base64" effective_begin="2002-02-27T14:22:22Z"
effective_end="infinite">QADKCIWAQAEQ29kZQEAD0xpbmVOdW1iZXJUY
WJsZQEABG1haW4BABwgAIAoAIQAIbWajBwAkAAQAGPGluaXQ+AQAA
...</func>
  </timedobj:methods>
</trobjct>

```

Diagram labels for FIG.3:

- a1: points to the first `<id>` element.
- a2: points to the second `<id>` element.
- a3: points to the first `<name>` element.
- a4: points to the second `<name>` element.
- b1: points to the first `<func>` element.
- b2: points to the second `<func>` element.

FIG.4

```

<?xml version='1.0' encoding='UTF-8'?>
<trobjct xmlns:timedobj="http://www.sharp.co.jp/2002/Timed10/Language"
xmlns:xsi="http://www.w3.org/1999/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/1999/XMLSchema"
xmlns:wsiluddi="http://schemas.xmlsoap.org/ws/2001/10/inspection/uddi/">
<timedobj:instances>
<id xsi:type="xsd:int" effective_begin="2002-02-26T14:22:21Z"
effective_end="2002-02-27T14:22:21Z">1</id>
<id xsi:type="xsd:int" effective_begin="2002-02-27T14:22:22Z"
effective_end="2002-02-28T14:22:21Z">2</id>
</timedobj:instances>

```

```

<timedobj:methods>

```

<pre> <service> <description referencedNamespace="http://schemas.xmlsoap.org/wsdl/" location="http://example.com/exampleservice.wsdl" effective_begin="2002-02-26T14:22:21Z" effective_end="2002-02-27T14:22:21Z"/> </service> </pre>	c1
<pre> <service> <description referencedNamespace="urn:uddi-org:api" effective_begin="2002-02-27T14:22:22Z"/> <wsiluddi:serviceDescription location= "http://example.com/uddi/inquiryapi"> <wsiluddi:serviceKey> 52946BB0-BC28-11D5-A432-0004AC49CC1E</wsiluddi:service Key> </wsiluddi:serviceDescription> </description> </service> </pre>	c2

```

</timedobj:methods>
</troject>

```

FIG.5

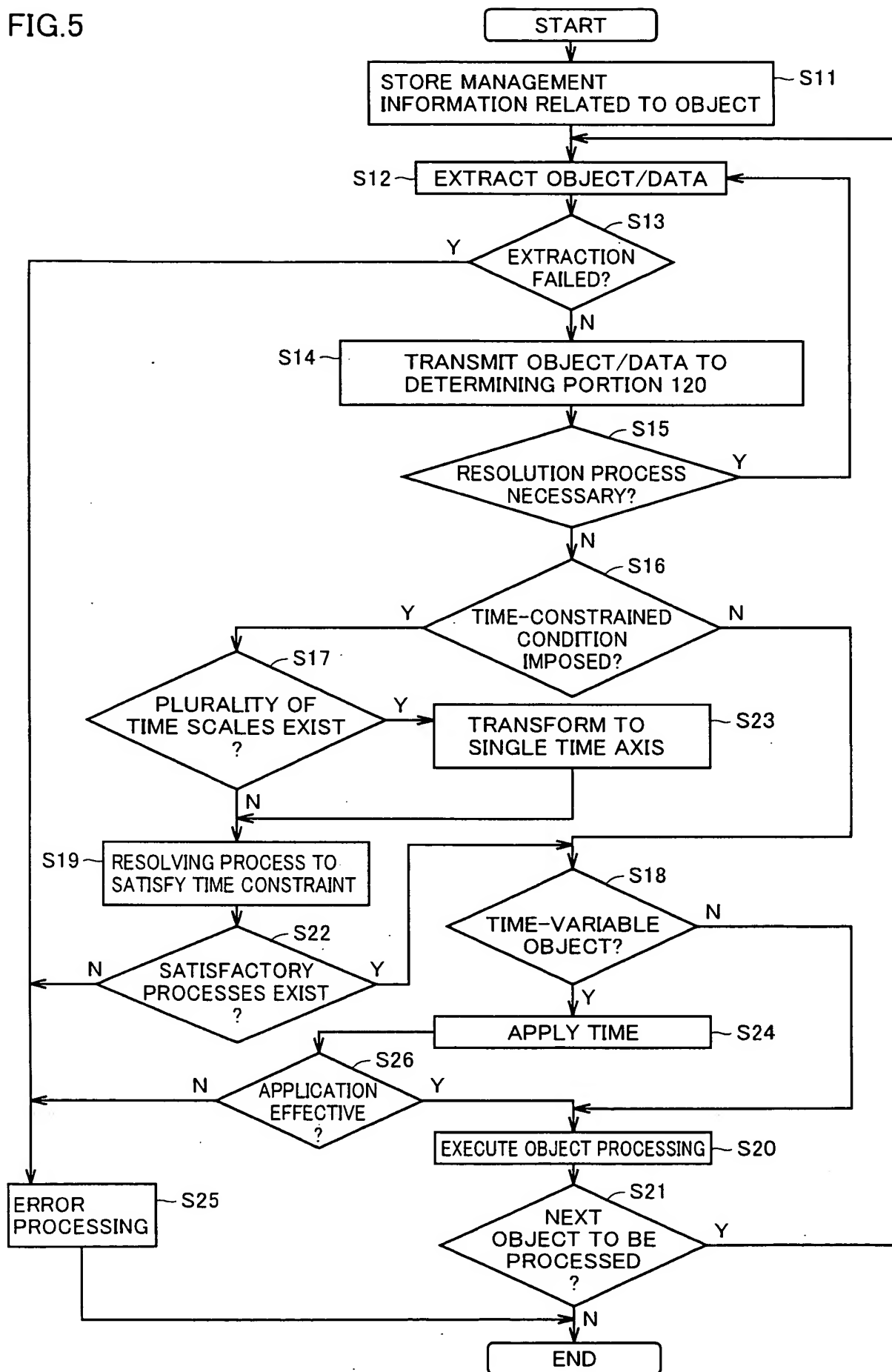


FIG.6

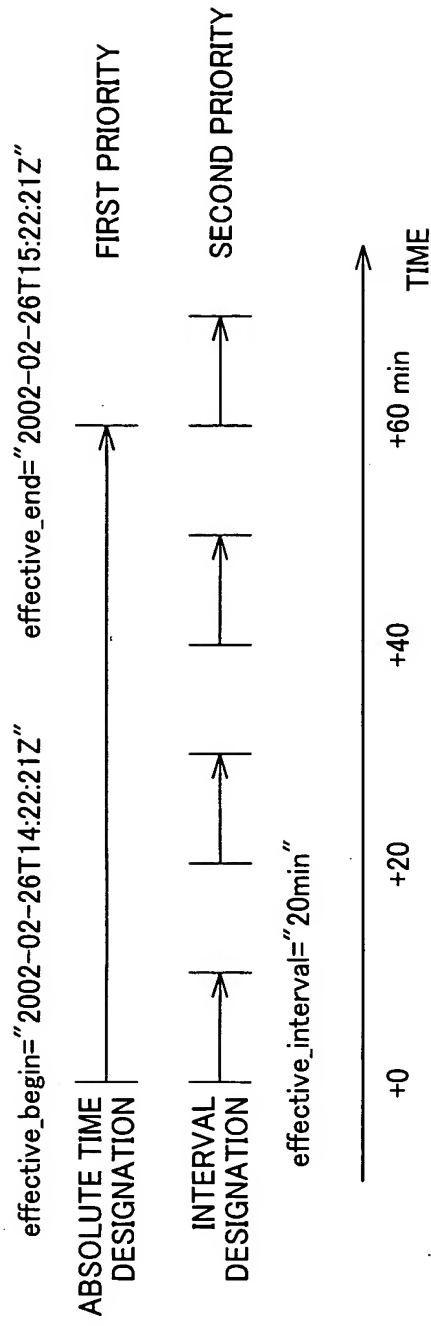


FIG.7

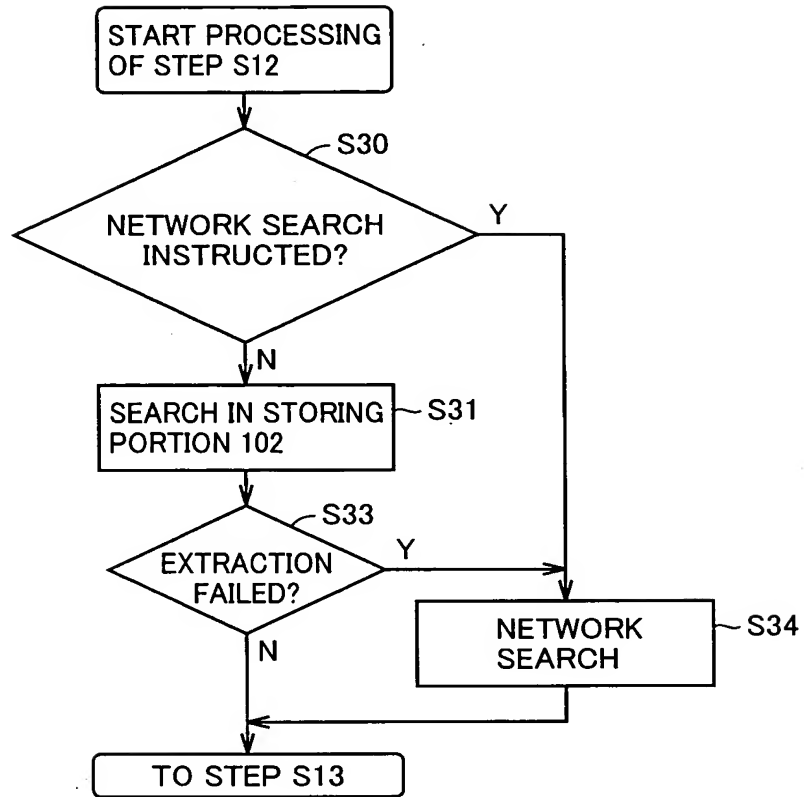


FIG. 8

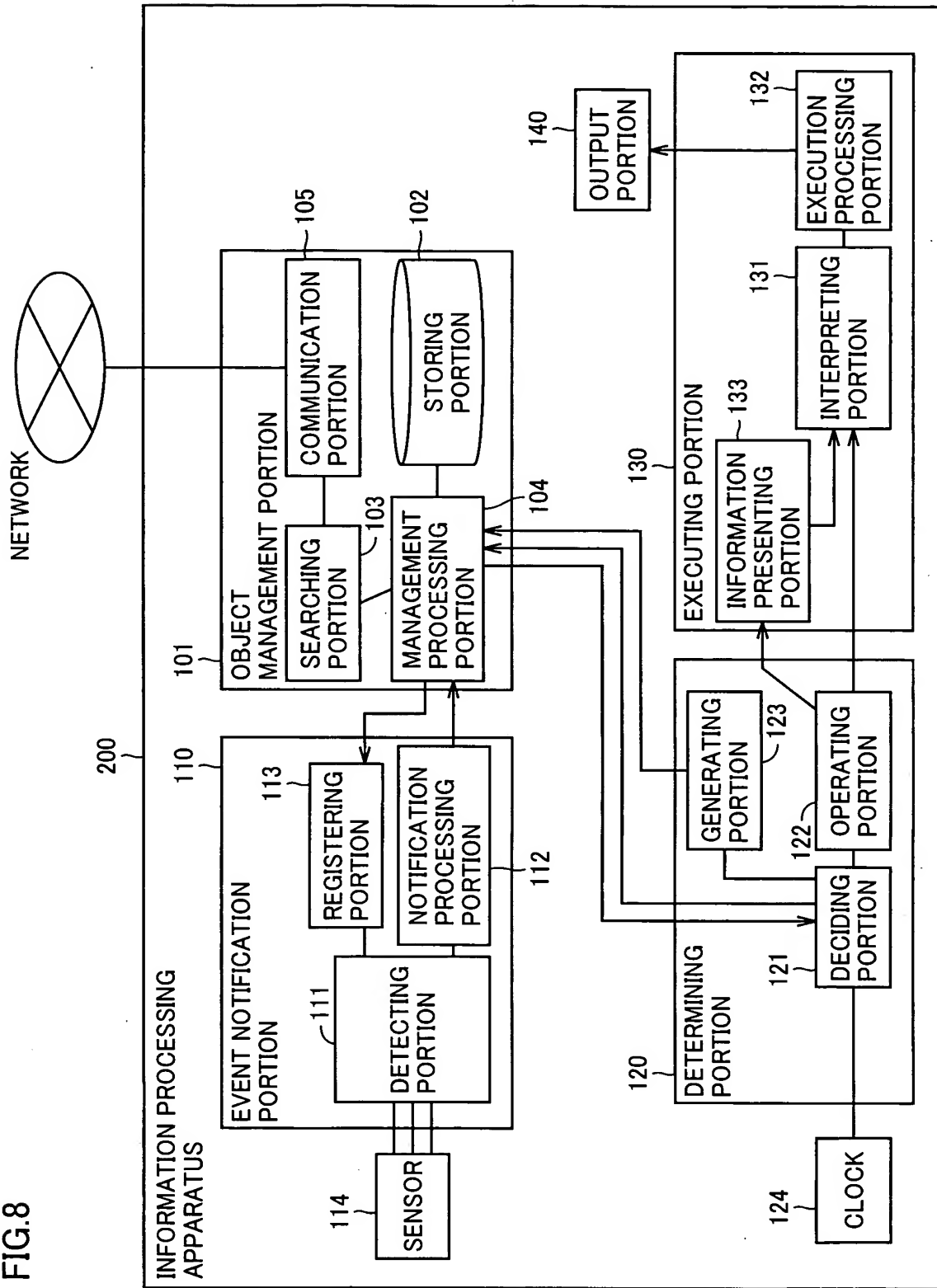


FIG.9

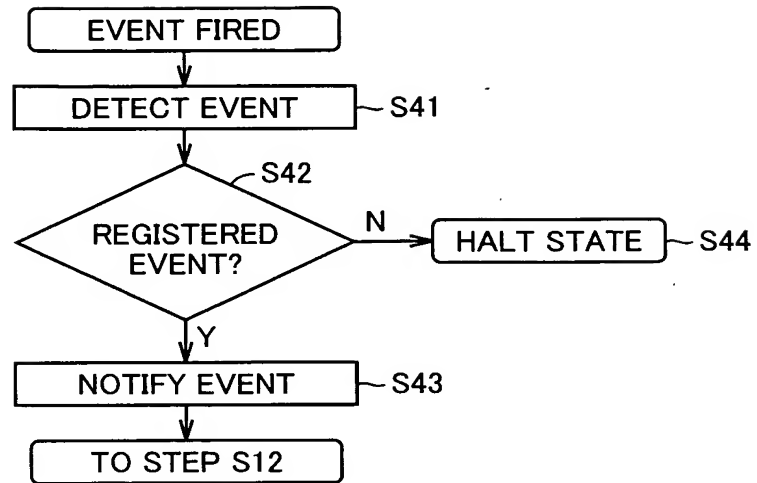


FIG.10

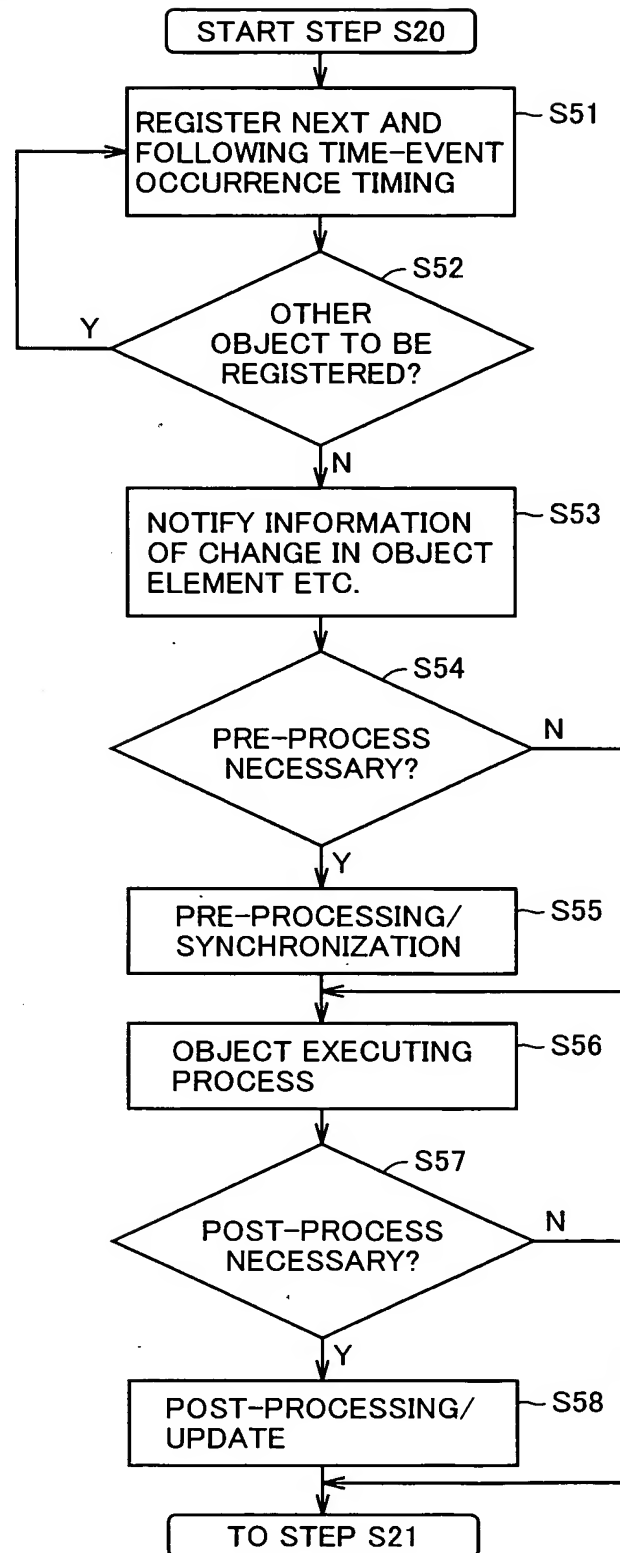


FIG. 11

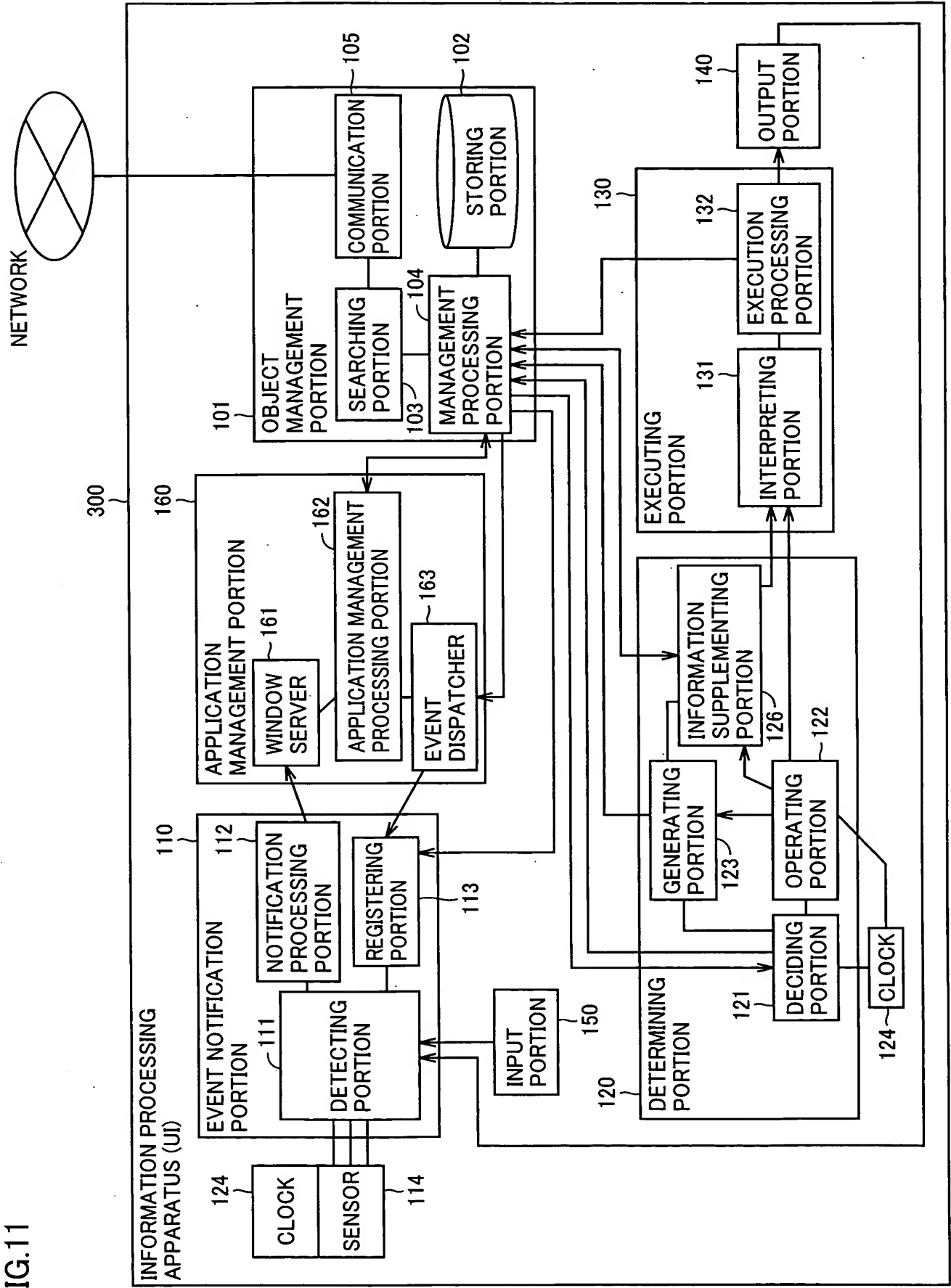


FIG.12

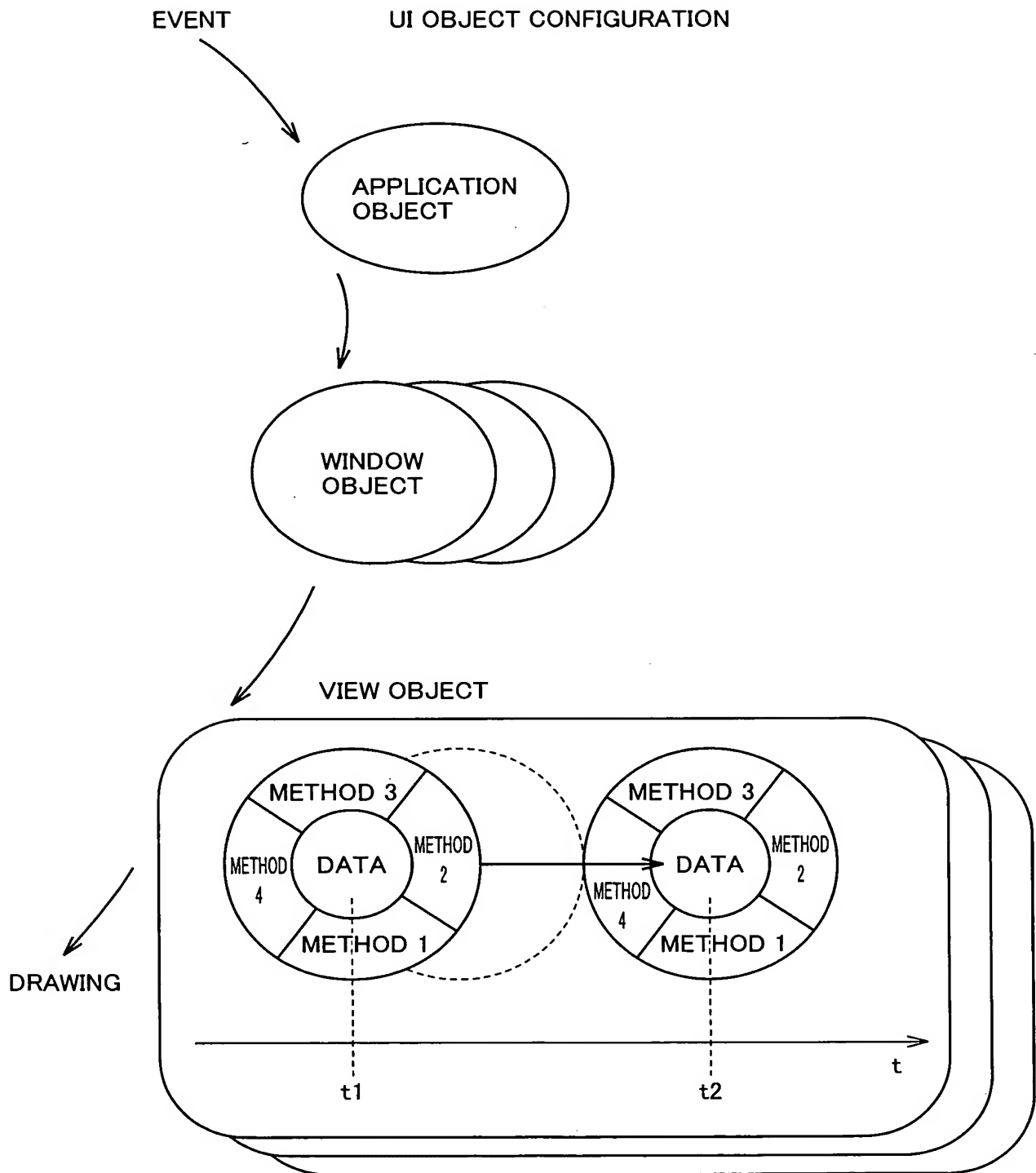


FIG. 13

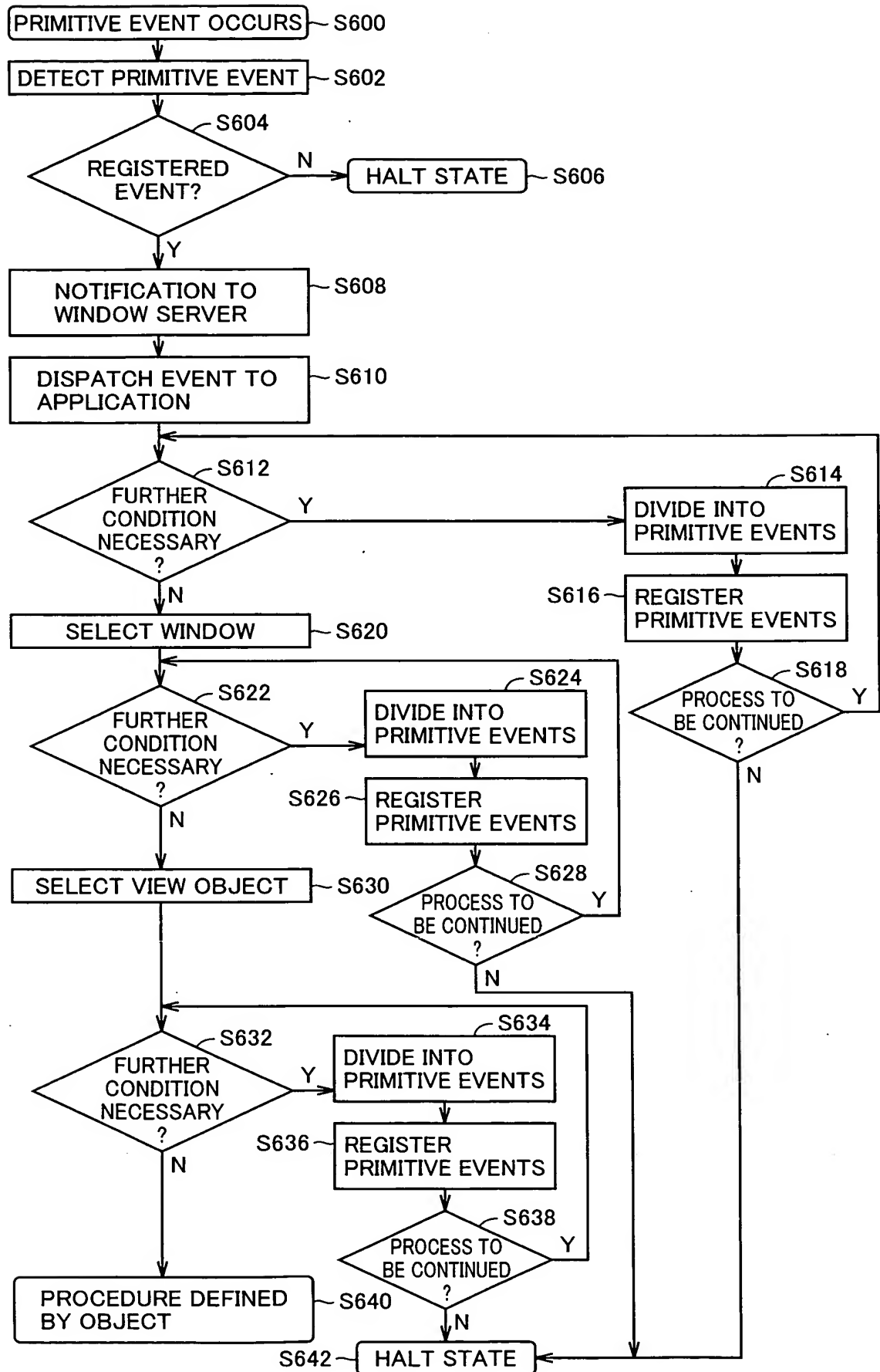
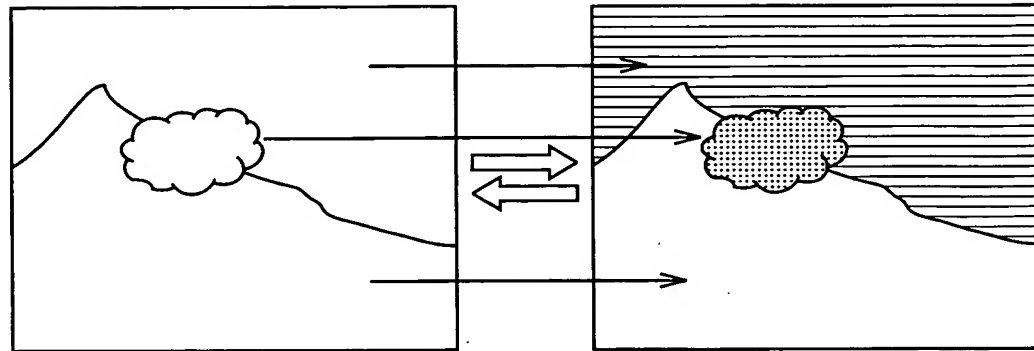


FIG.14



[at 7:00 AM]

EACH COLOR
CHANGES
WITH TIME

[at 11:00 PM]

FIG.15A

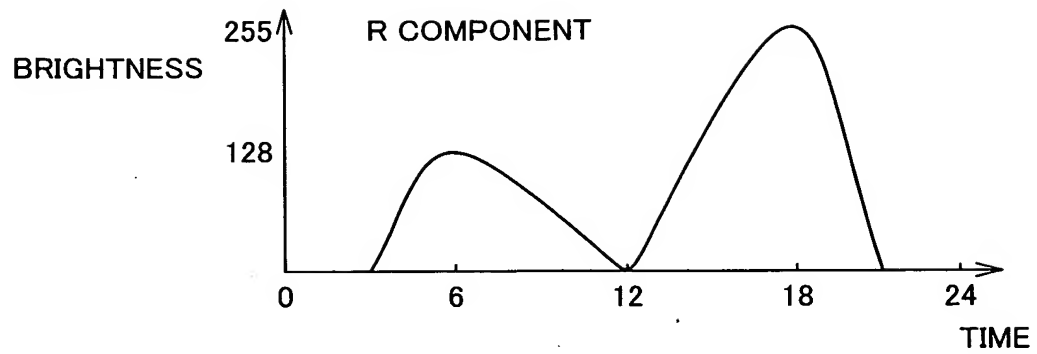


FIG.15B

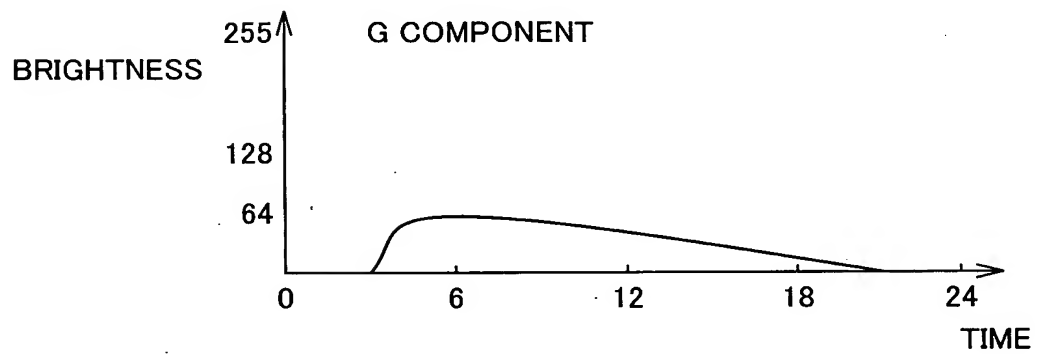


FIG.15C

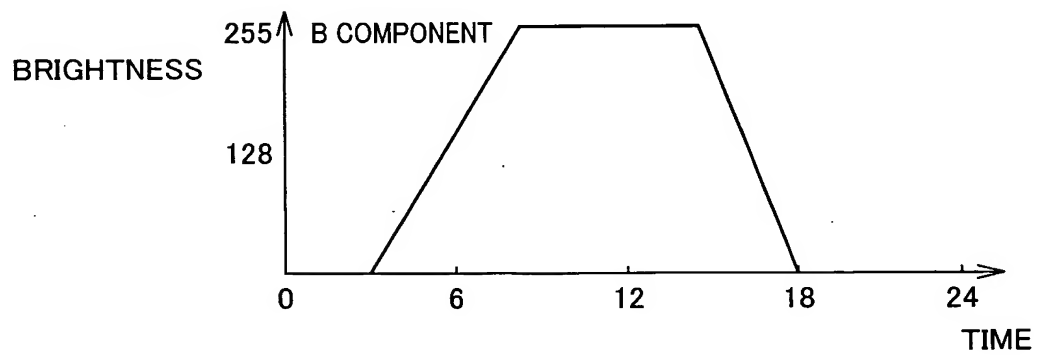


FIG.16A

TSM Stock Quote Service

Service Available: 09:00 – 17:00 2002/09/09 10:00:00

Company Name: SSS

Company Code: 12670

Result Point: 1670.0 ↑

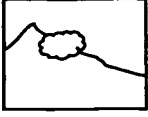
 update

FIG.16B

TSM Stock Quote Service

Service Available: 09:00 – 17:00 2002/09/09 19:00:00



 **NOW UNAVAILABLE**

FIG.16C

TSM Stock Quote Service

Service Available: 09:00 – 17:00 2002/09/09 19:01:00


 **NOW UNAVAILABLE**

Next Available Time:
2002/09/10 09:00:00

FIG.16D

TSM Stock Quote Service

Service Available: 09:00 – 17:00 2002/09/09 19:02:00

 **NOW UNAVAILABLE**

Next Available Time:
2002/09/10 09:00:00

Do you resister?
Yes No

FIG.17A



FIG.17B

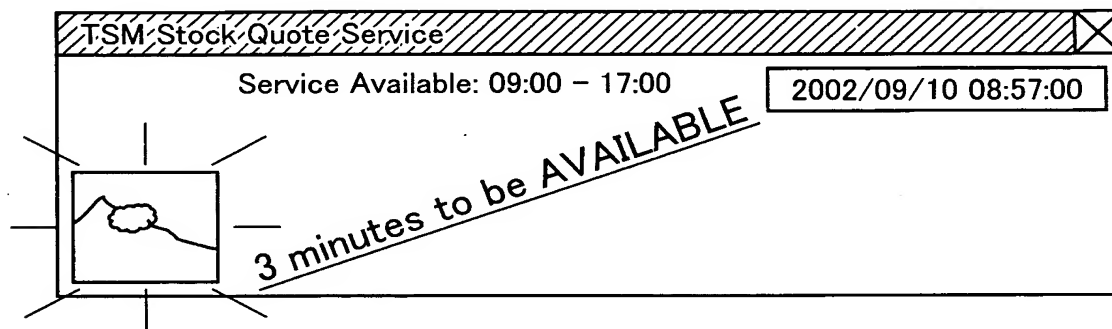


FIG.18

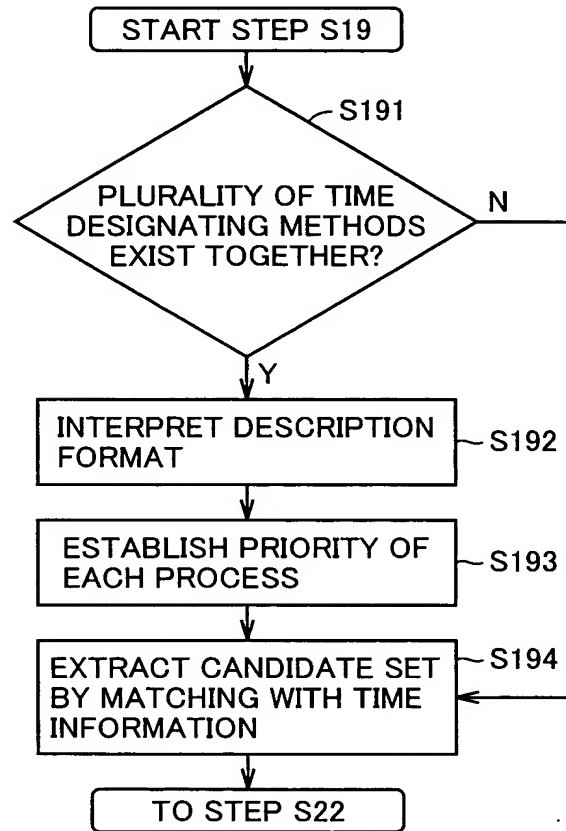


FIG.19A

CLOCK-IN/CLOCK-OUT APPLICATION
01/6/13 (MON) 08:20:40

NAME CODE: sw1119210
NAME: YAMASHITA TARO

← CLOCK-IN F MENU

FIG.19B

CLOCK-IN/CLOCK-OUT APPLICATION
01/6/13 (MON) 08:59:40

NAME CODE: sw1119210
NAME: YAMASHITA TARO

← CLOCK-IN F MENU

FLICKER

FLICKER/
ENLARGED CHARACTER

FIG.20A

CLOCK-IN/CLOCK-OUT APPLICATION
01/6/13 (MON) 09:00:40

NAME CODE: sw1119210
NAME: YAMASHITA TARO

← REGISTRATION UNACCEPTABLE F MENU

FIG.20B

CLOCK-IN/CLOCK-OUT APPLICATION
01/6/13 (MON) 16:00:40

NAME CODE: sw1119210
NAME: YAMASHITA TARO

← CLOCK-OUT F MENU